

Western Hills Viaduct Replacement

Major Projects & Smart
Government
October 27, 2020



Project Update

- Consultant retained: 2018
- Detailed study of bridge types: 2018 – 2020
 - Collaboration with CSX and NS railroads
 - Coordination with ODOT and Duke Energy
 - Public input from Western Hills Viaduct Coalition
- Cost estimates/ranking bridge types: 2020

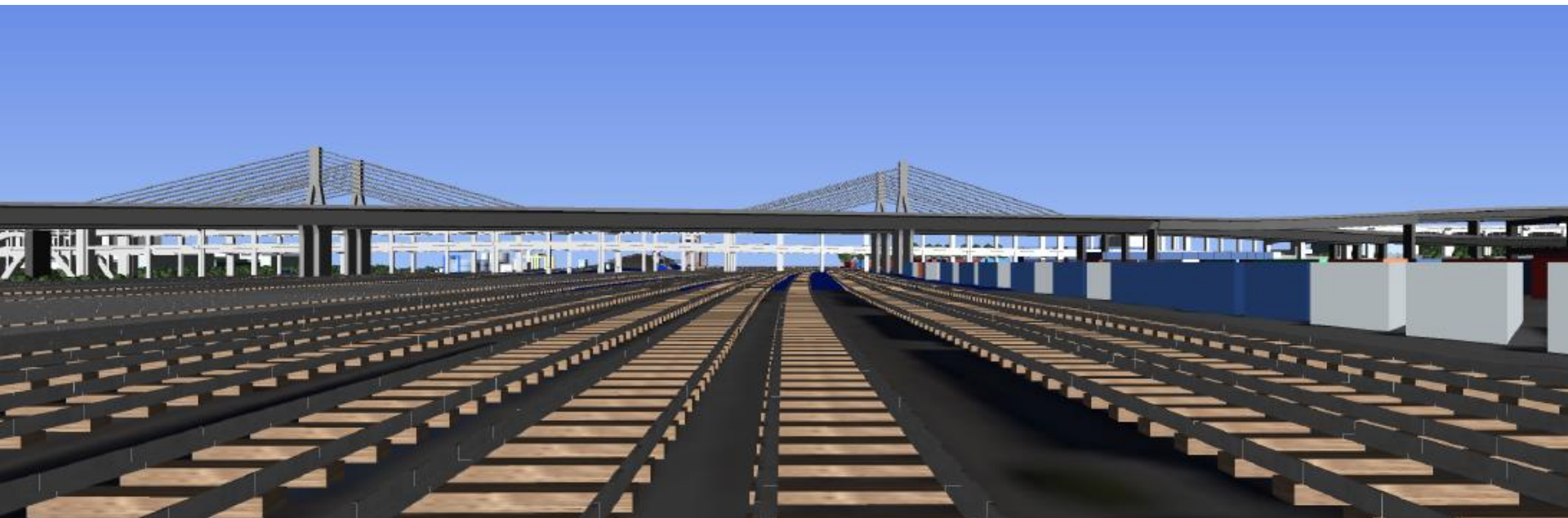
Six Bridge Types and Criteria

- Segmental Concrete
- Trapezoidal Steel Box
- Extradosed
- Arch
- Truss
- Cable Stay
- Cost
- Aesthetics
- Durability/Maintainability
- Railroad Preference
- Constructability
- Claims Potential
- Traffic Operations
- Bridge Drainage

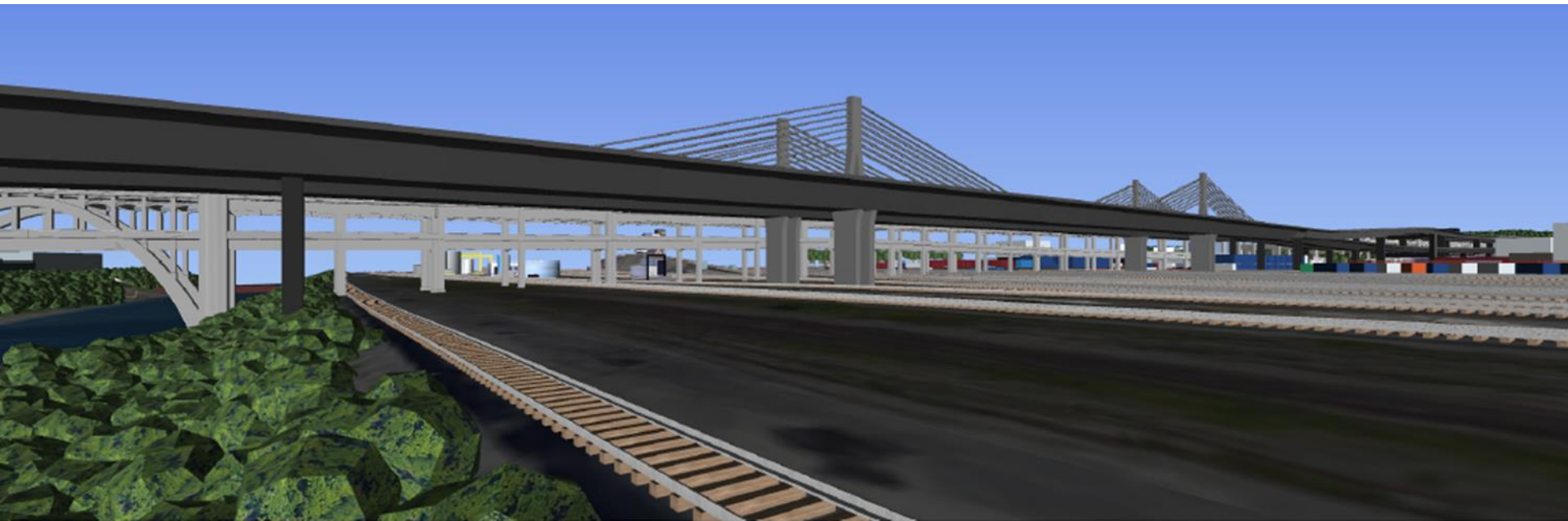




Extradosed Bridge Type



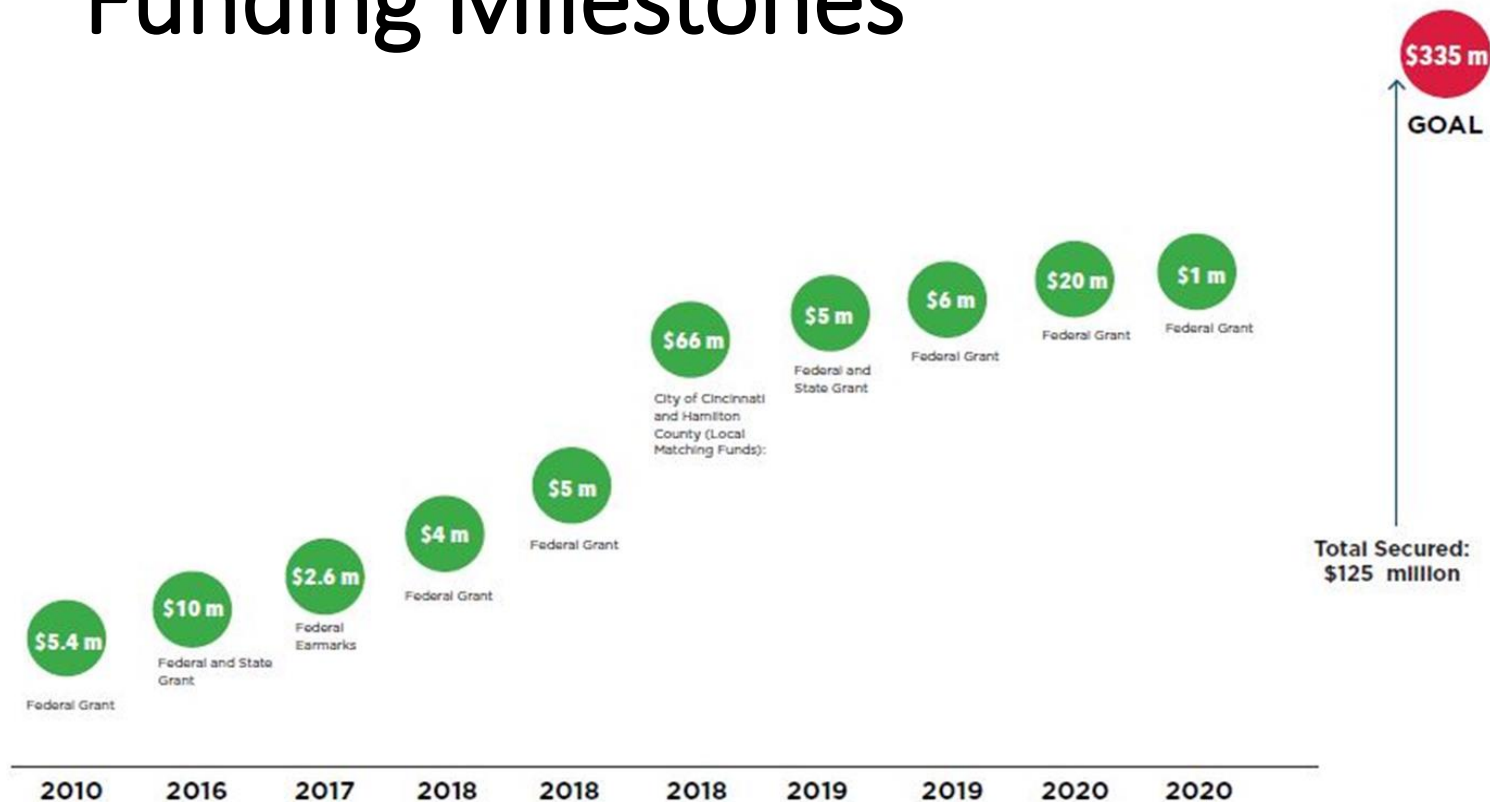
Extradosed Bridge Type



Estimated Timeline

Planning and Design:	Current to 2023
Property Acquisitions:	Current to 2022
Utility and RR Relocations:	2022 to 2025
Building Demolitions:	2021 to 2022
Construction:	2022 to 2028

Funding Milestones



Potential Funding Sources

- Southwest Ohio Regional Transit Authority (SORTA)
- Ohio-Kentucky-Indiana Regional Council of Governments (OKI)
- Ohio Public Works Commission (OPWC)
- Ohio Department of Transportation (ODOT)
- U.S. Department of Transportation (USDOT)

Virtual Public Meeting

Western Hills Viaduct Replacement Project

6:00 p.m. Thursday, Nov. 19, 2020
via Zoom and You Tube

Live presentation followed by audience questions

Questions?

More Information:

<https://www.cincinnati-oh.gov/whv>

